What is claimed is:

1   1.   A method comprising:

2   setting an update to data of a memory to a valid

3 status; and

4   changing an original version of the data to a backup

5 status.

1   2.   The method of claim 1, further comprising

2 invalidating the original version if the update is

3 committed.

1   3.   The method of claim 2, further comprising

2 reclaiming a space in the memory including the original

3 version.

1   4.   The method of claim 1, further comprising

2 reinstating the original version if the update is aborted.

1   5.   The method of claim 1, wherein changing the

2 original version comprises changing a count value

3 associated with the original version.

1   6.   The method of claim 1, wherein setting the update

2 comprises associating a count value with the update.

1   7.   The method of claim 1, further comprising:

2   setting a second update to the data to the valid

3   status; and

4   changing the update to the backup status.

1   8.   The method of claim 7, further comprising

2   unwinding from the second update to one of the update or

3   the original version.

1   9.   A method comprising:

2   associating a count with a first modification to a

3   data object, the count indicative of a valid status.

1   10. The method of claim 9, further comprising

2   associating the count with a second modification to the

3   data object.

1   11. The method of claim 10, further comprising

2   associating the first modification with a second count

3   indicative of a backup status.

1   12. The method of claim 9, further comprising

2   associating a second count with an original version of the

3   data object, the second count indicative of a backup

4   status.

1   13. The method of claim 12, further comprising
2 invalidating the original version.

1   14. The method of claim 12, further comprising
2 reinstating the original version if an abort operation
3 occurs.

1   15. An article comprising a machine-readable storage
2 medium containing instructions that if executed enable a
3 system to:
4   associate a count with a first modification to a data
5 object, the count indicative of a valid status.

1   16. The article of claim 15, further comprising
2 instructions that if executed enable the system to
3 associate the count with a second modification to the data
4 object.

1   17. The article of claim 16, further comprising
2 instructions that if executed enable the system to
3 associate the first modification with a second count
4 indicative of a backup status.

1   18. A system comprising:

2   at least one storage device to store code to associate

3 a count with a first modification to a data object, the

4 count indicative of a valid status; and

5   an antenna coupled to the at least one storage device.

1   19. The system of claim 18, further comprising a

2 coprocessor coupled to the at least one storage device to

3 perform the code.

1   20. The system of claim 19, wherein the coprocessor

2 comprises a stacked processor of a multi-level flash

3 memory.

1   21. The system of claim 18, wherein the at least one

2 storage device further comprises code to associate the

3 count with a second modification to the data object.

1   22. An apparatus comprising:

2   at least one storage device to store code to set an

3 update to data of a memory to a valid status and to change

4 an original version of the data to a backup status.

1   23. The apparatus of claim 22, further comprising

2 second code to invalidate the original version if the

3 update is committed.

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1   24. The apparatus of claim 22, wherein the memory
2 comprises a flash memory.

1   25. The apparatus of claim 24, further comprising a
2 coprocessor coupled to the flash memory to perform the
3 code.